

# CERAMIC



## Typical Parameters

Description	LUYANGWOOL STD BLANKET			LUYANGWOOL HP BLANKET		LUYANGWOOL HA BLANKET		LUYANGWOOL HZ BLANKET	
Density (kgm3)	64	96	128	96	128	96	128	96	128
Tensile Strength (kPa)	30	50	70	50	70	50	70	50	70
Permanent linear Shrinkage (%)	1000°C x 24h ≤2.5			1100°C x 24h ≤2.5		1200°C x 24h ≤3.0		1350°C x 24h ≤3.0	
Thermal Conductivity (W/m k)									
200°C	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
400°C	0.12	0.11	0.10	0.11	0.10	0.11	0.10	0.11	0.10
600°C	0.20	0.19	0.18	0.19	0.17	0.18	0.17	0.16	0.15
800°C	0.30	0.23	0.20	0.23	0.20	0.22	0.20	0.21	0.19
1000°C	0.40	0.32	0.27	0.31	0.26	0.30	0.26	0.30	0.26

The data shown are typical average results of tests under standard procedures and subject to variation should not be used for specification purposes or creating contractual obligation. For more information on the safety application or materials, please refer to the work practices and material safety data sheet

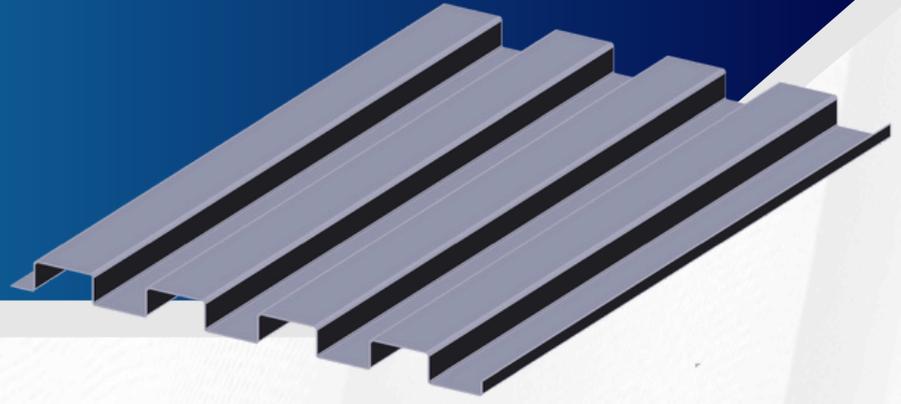


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# BOX RIB



## Description/Specification

panel height make it ideal for commercial, architectural, and industrial applications, including wainscoting applications. The panel is also available in a reversed form for metal roofing & siding applications.

These panels can be used in fertilizer plants, petrol and chemical plants as well as power houses.

## Moisture Barrier

Moisture barrier prevents galvanic or chemical corrosion caused by contact of dissimilar metals and soluble salts present in most industrial insulations. we strongly recommend all metal jacketing systems to have factory laminated moisture barrier to achieve greater corrosion protection compared bare metal jacketing.

## Types of Moisture Barrier Available

- 1.POLYKRAFT MOISTURE BARRIER : Comprising of a 1-mil thick polyethylene and 40# natural kraft paper, heat and pressure bonded to the inner surface of the panels.
- 2.DUPONT'S SURLYN MOISTURE BARRIER : Consists of 63um co-extrusion of Dupont's surlyn and special polyethylene, heat and pressure bonded to the inner surface of the panels.

There will be no damage to the moisture barrier or top surface of the panels when forming our ribs.



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